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CONFIRMATION NO. 9051

<b>SERIAL NUMBER</b> 10/816,158	<b>FILING OR 371(c) DATE</b> 03/31/2004 <b>RULE</b>	<b>CLASS</b> 360	<b>GROUP ART UNIT</b> 2627	<b>ATTORNEY DOCKET NO.</b> K35R1875
<b>APPLICANTS</b> Tao Pan, San Jose, CA;				
** CONTINUING DATA ***** None				
** FOREIGN APPLICATIONS ***** None				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 06/10/2004				
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met Verified and Acknowledged <input type="checkbox"/> Allowance		STATE OR COUNTRY CA	SHEETS DRAWING 5	TOTAL CLAIMS 37
Examiner's Signature <i>[Signature]</i> Initials <i>CDR</i>		INDEPENDENT CLAIMS 4		
<b>ADDRESS</b> 35219				
<b>TITLE</b> Side-shielded CPP sensor with elongated permanent magnet that stabilizes bias or pinned layer magnetic moment				
<b>FILING FEE RECEIVED</b> 1162	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	

FERROMAGNETIC STRUCTURE INCLUDING A FIRST SECTION  
 SEPARATED FROM A FERROMAGNETIC LAYER BY AN ELECTRICALLY  
 CONDUCTIVE NONMAGNETIC SPACER AND A SECOND SECTION  
 ELONGATED RELATIVE TO THE FIRST SECTION IN AT LEAST  
 ONE DIMENSION

(From the amendment filed 31 Jan 2007)